

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD092623AR\
 Data File : FD046581.D
 Signal(s) : FID2B.ch
 Acq On : 26 Sep 2023 18:11
 Operator : YP/AJ
 Sample : 04535-01
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 27 01:10:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 01:47:22 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.493	10703570	60.738 ug/ml
Spiked Amount 50.000		Recovery =	121.48%
6) S 2-Fluorobiphenyl (SURR)	8.347	7148389	61.699 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	123.40%
11) S ortho-Terphenyl (SURR)	11.382	6079600	29.842 ug/ml
Spiked Amount 50.000		Recovery =	59.68%
Target Compounds			
2) T Naphthalene (C11.7)	5.834	37040	0.192 ug/ml
3) T 2-Methylnaphthalene (...)	6.882	46531	0.240 ug/ml
7) T Acenaphthene (C15.5)	8.402	40108	0.213 ug/ml
9) T Phenanthrene (C19.36)	10.610	52122	0.296 ug/ml
12) T Fluoranthene (C21.85)	12.410	100840	0.592 ug/ml
13) T Pyrene (C20.8)	12.704	58874	0.359 ug/ml
14) T Benzo[a]anthracene (C...	14.569	42156	0.302 ug/ml
15) T Chrysene (C27.41)	14.608	76152	0.502 ug/ml
16) T benzo[b]fluoranthene ...	16.109	67586	0.493 ug/ml
17) T Bnezo[k]fluoranthene ...	16.140	43241	0.312 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.484	46619	0.348 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.839	68616	0.547 ug/ml
20) T Dibenz[a,h]anthracene...	17.881	149340	1.122 ug/ml
21) T Benzo[g,h,i]perylene ...	18.088	54318	0.412 ug/ml

(f)=RT Delta > 1/2 Window

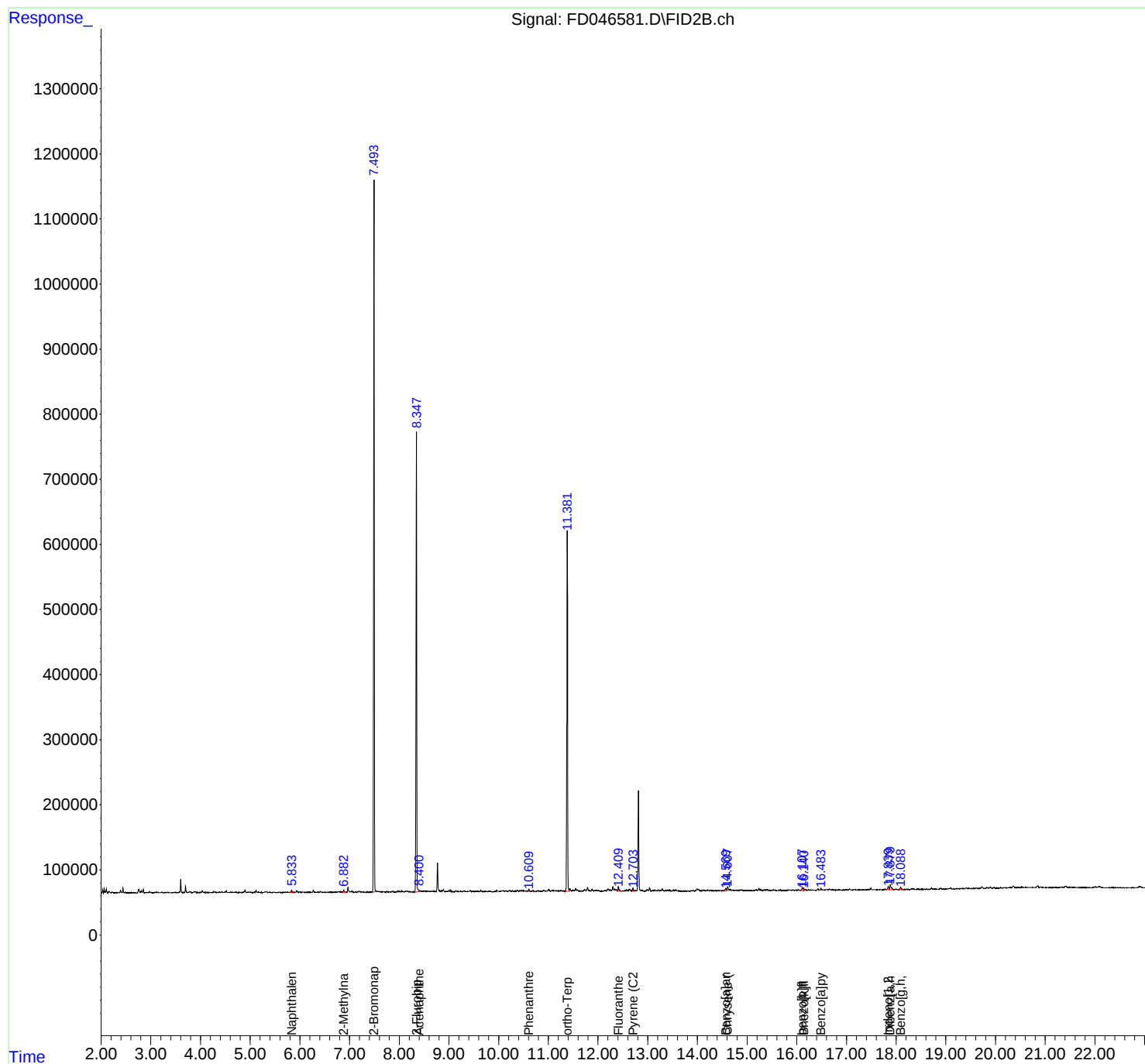
(m)=manual int.

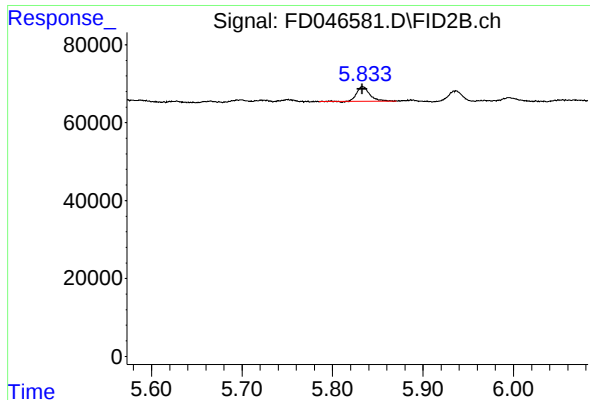
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18µm

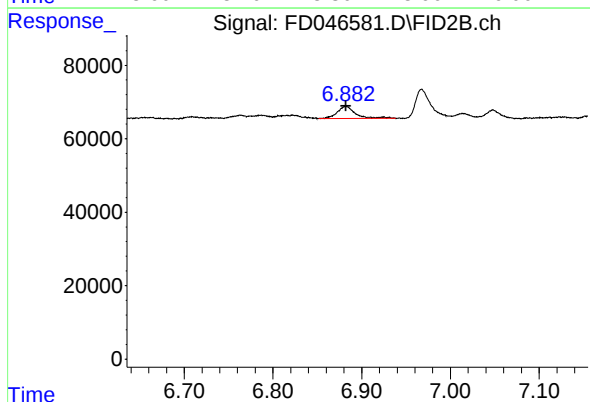




#2 Naphthalene (C11.7)

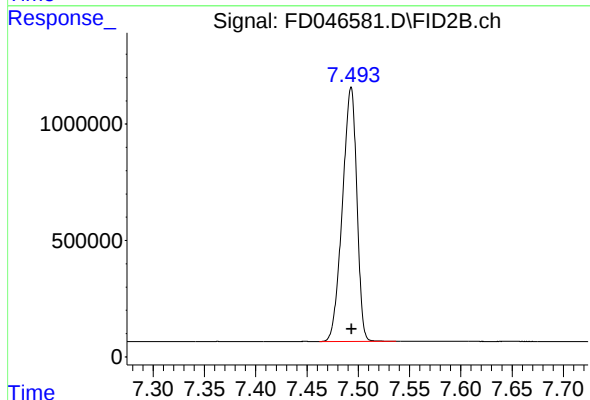
R.T.: 5.834 min
Delta R.T.: 0.000 min
Response: 37040
Conc: 0.19 ug/ml

Instrument :
FID_D
ClientSampleId :



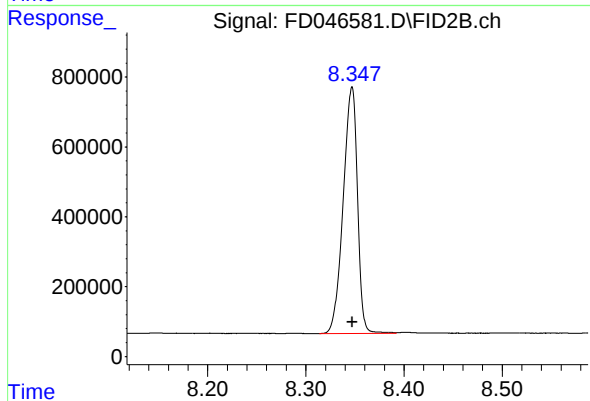
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.882 min
Delta R.T.: 0.000 min
Response: 46531
Conc: 0.24 ug/ml



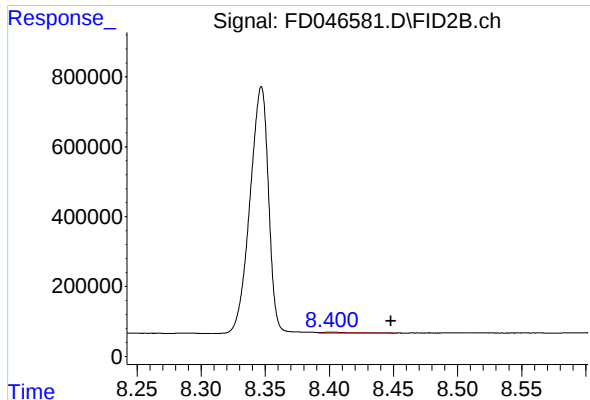
#4 2-Bromonaphthalene (SURR)

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 10703570
Conc: 60.74 ug/ml



#6 2-Fluorobiphenyl (SURR)

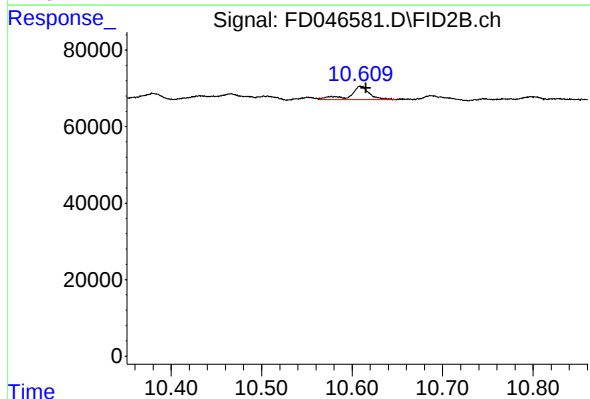
R.T.: 8.347 min
Delta R.T.: 0.000 min
Response: 7148389
Conc: 61.70 ug/ml



#7 Acenaphthene (C15.5)

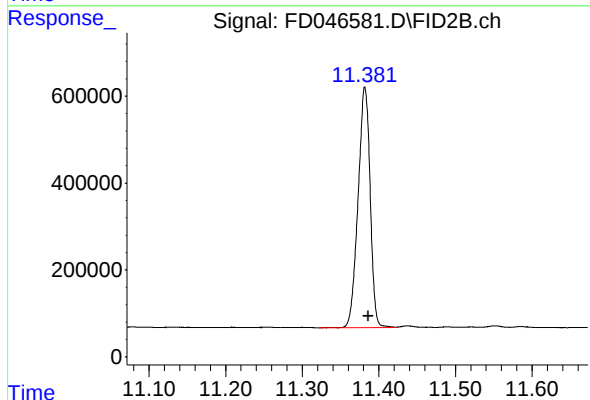
R.T.: 8.402 min
Delta R.T.: -0.046 min
Response: 40108
Conc: 0.21 ug/ml

Instrument :
FID_D
ClientSampleId :



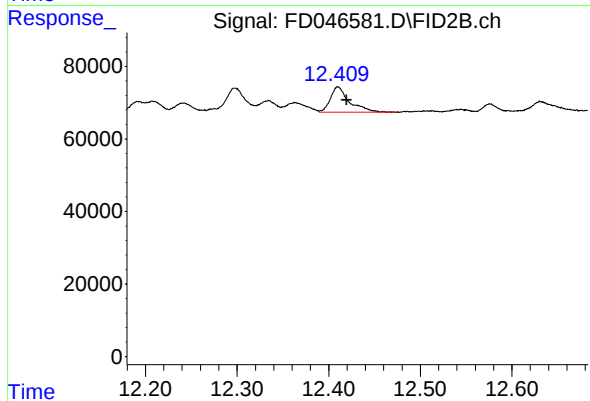
#9 Phenanthrene (C19.36)

R.T.: 10.610 min
Delta R.T.: -0.006 min
Response: 52122
Conc: 0.30 ug/ml



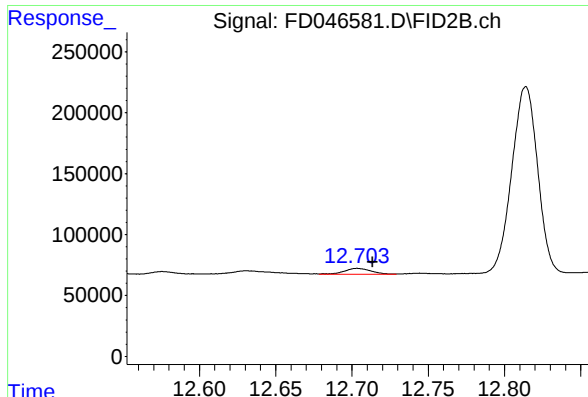
#11 ortho-Terphenyl (SURR)

R.T.: 11.382 min
Delta R.T.: -0.005 min
Response: 6079600
Conc: 29.84 ug/ml



#12 Fluoranthene (C21.85)

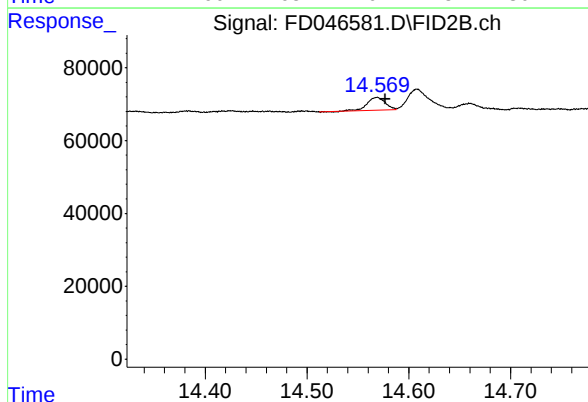
R.T.: 12.410 min
Delta R.T.: -0.009 min
Response: 100840
Conc: 0.59 ug/ml



#13 Pyrene (C20.8)

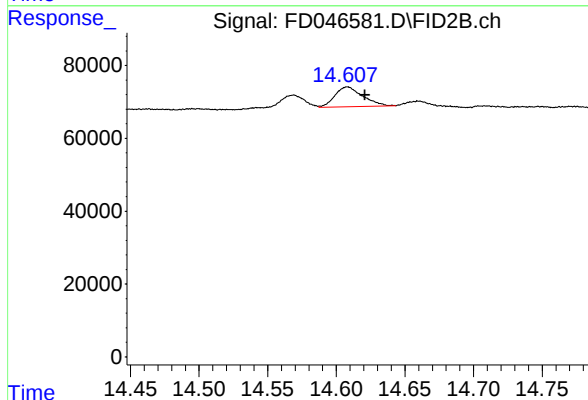
R.T.: 12.704 min
Delta R.T.: -0.010 min
Response: 58874
Conc: 0.36 ug/ml

Instrument :
FID_D
ClientSampleId :



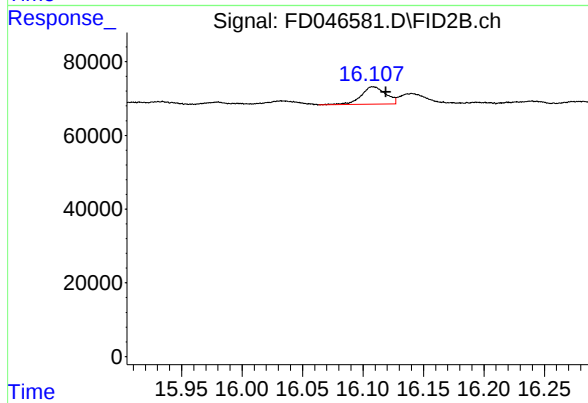
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.569 min
Delta R.T.: -0.008 min
Response: 42156
Conc: 0.30 ug/ml



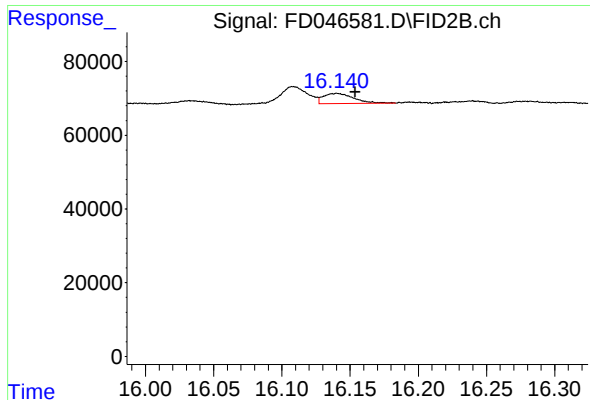
#15 Chrysene (C27.41)

R.T.: 14.608 min
Delta R.T.: -0.013 min
Response: 76152
Conc: 0.50 ug/ml



#16 benzo[b]fluoranthene (C30.41)

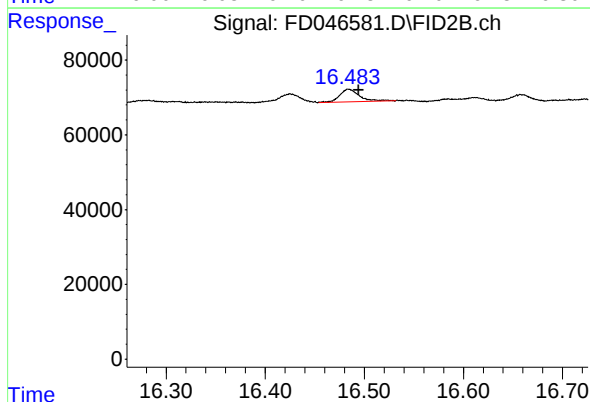
R.T.: 16.109 min
Delta R.T.: -0.010 min
Response: 67586
Conc: 0.49 ug/ml



#17 Bnezo[k]fluoranthene (C30.14)

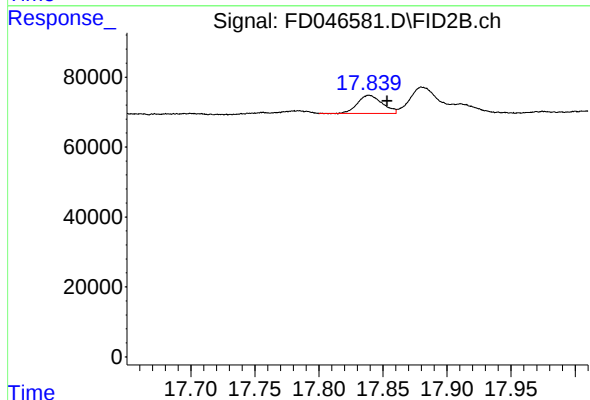
R.T.: 16.140 min
Delta R.T.: -0.014 min
Response: 43241
Conc: 0.31 ug/ml

Instrument :
FID_D
ClientSampleId :



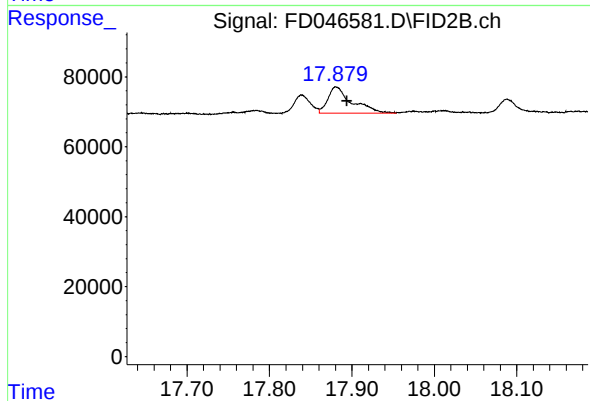
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.484 min
Delta R.T.: -0.010 min
Response: 46619
Conc: 0.35 ug/ml



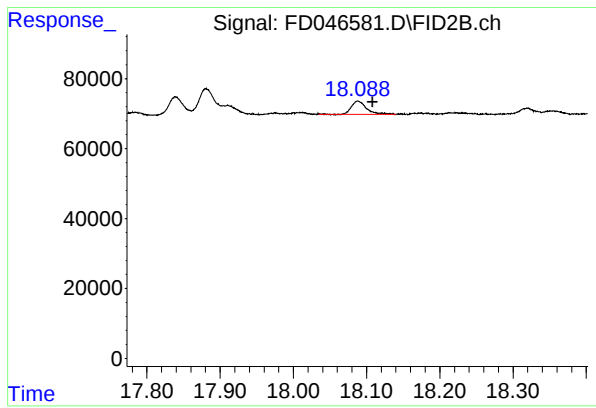
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.839 min
Delta R.T.: -0.014 min
Response: 68616
Conc: 0.55 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.881 min
Delta R.T.: -0.013 min
Response: 149340
Conc: 1.12 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.088 min
Delta R.T.: -0.020 min
Response: 54318
Conc: 0.41 ug/ml

Instrument :

FID_D

ClientSampleId :